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Helping



A Website with links to almost everywhere

A quarterly newsletter highlighting our program members, upcoming events and information



What do you think? Focus groups and economic surveys help determine how we can best help you.

Coming soon...

Cows! No, better. We will offer trips to demonstration sites later in the project.



Areawide Pest Management for Wheat
Management of greenbug and Russian wheat aphid



**Helping
Growers
Succeed**



Areawide Pest Management for Wheat

Management of greenbug and Russian wheat aphid



Who...

Growers

We are the Areawide Pest Management for Wheat, a five-year project to demonstrate pest management practices for the Russian wheat aphid and greenbug. The project is one of several area-wide projects developed by the USDA Agricultural Research Service.

Our project team includes specialists from the ARS laboratory in Stillwater, Okla., and scientists and extension specialists from these five land-grant universities: Colorado State University, Kansas State University, University of Nebraska, Oklahoma State University, and Texas A&M University. Our team also includes over 180 growers as well as cooperative extension personnel.

Visit our website:

<http://www.pswcrl.ars.usda.gov/awpm.html>



Above: Texas project members take samples. Right: An aerial photo of Happy, Texas.



What we found in 2002-2003:

- Greenbug populations were abnormally low throughout the region during the 2002-2003 growing season.
- Our participants have begun to work against a new strain of Russian wheat aphid, which causes damage to wheat varieties in AWPM demonstration zones 1 and 2.
- Socioeconomic evaluation accomplishments included recruiting 147 wheat producers to participate in focus groups and cost-of-production interviews.
- Other accomplishments include: GIS mapping of all demonstration sites; field scale tests using multi-spectral remote sensing to detect greenbug infestations; field and laboratory studies to determine dynamics of natural enemies; and development of pest alert system for growers throughout the region.

key aspects

- Education and information-sharing opportunities for growers
- Monitoring insects, weeds and plant diseases in a series of paired demonstration fields over a four-year period
- Evaluate the cost-effectiveness of aphid control in variety of wheat production areas and systems

For more information:

Dr. David Porter, USDA-ARS or
dporter@pswcrl.ars.usda.gov

Dr. Norm Elliott, USDA-ARS
nelliott@pswcrl.ars.usda.gov

1301 N. Western Road
Stillwater, OK 74075

Phone: 405-624-4141, ext. 227

Fax: 405-624-4142